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September 12, 2000

FILE: 4310.002900

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NUMBER	EL 332 809 804 US
DATE OF DEPOSIT	SEPTEMBER 12, 2000
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Assistant Commissioner for Patents  
**BOX PATENT APPLICATION**  
Washington, DC 20231

RE: U.S. Patent Application entitled *BIOLUMINESCENT BIOREPORTER INTEGRATED CIRCUIT DETECTION METHODS* by Michael L. Simpson, Gary S. Saylor, Bruce M. Applegate, Steven A. Ripp and Michael J. Paulus  
Oak Ridge Ref. No.: ERID:0370  
UTRC Ref. No.: PD 97041

Sir:

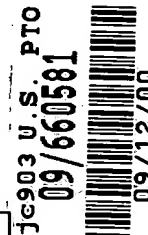
Transmitted herewith for filing are:

- (1) 169-page patent specification including 35 claims and a one-page abstract (also Figures 1-58 on 60 sheets);
- (2) Our check in the amount of the total filing fee (listed below).

All correspondence, notices, official letters and other communications should be directed to BARBARA S. KITCHELL, Williams, Morgan & Amerson, P.C., 7676 Hillmont, Suite 250,



09/12/00 09/12/00



WILLIAMS, MORGAN & AMERSON, P.C.

Assistant Commissioner for Patents

September 12, 2000

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Houston, TX 77040, and all telephone calls should be directed to BARBARA S. KITCHELL at (713) 934-4091.

### FILING FEE CALCULATION

FOR		Small Entity	Large Entity
Total Claims	35 - 20 = 15	x \$9 = \$	or x \$18 = \$ 270.00
Independent Claims	11 - 3 = 7	x \$39 = \$	or x \$78 = \$ 546.00
Multiple Dependent Claim(s)		+ \$130 = \$	or + \$260 = \$
Basic Fee:		+ \$345 = \$	or + \$690 = \$ 690.00
Assignment Recording Fee:	(\$40 per assignee)	+ = \$	+ = \$
<b>TOTAL FILING FEES</b>		<b>\$ 0.00</b>	<b>\$ 1506.00</b>

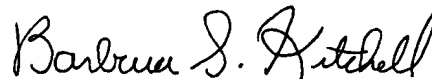
Please note that this application is filed without an inventors' Declaration and Assignment, a Declaration Claiming Small Entity Status, a Power of Attorney, and filing fees. Pursuant to 37 C.F.R. § 1.53(b) and (f), the Applicants request that the Patent and Trademark Office accept this application and accord a serial number and filing date as of the date this application is deposited with the U.S. Postal Service for Express Mail. Further, the Applicants request that the NOTICE OF MISSING PARTS-FILING DATE GRANTED pursuant to 37 C.F.R. § 1.53(f) be sent to the undersigned Applicants' representative.

Pursuant to 37 C.F.R. § 1.10 the Applicants request that the Patent and Trademark Office accept this application and accord a serial number and filing date as of the date this application is deposited with the U.S. Postal Service for Express Mail.

The Assistant Commissioner is authorized to deduct the \$1,506.00 filing fee from Williams, Morgan & Amerson, P.C. Deposit Account No. 50-0786/4310.002900. Should any additional fees under 37 C.F.R. §§ 1.16 to 1.21 be required for any reason relating to the enclosed materials, the Assistant Commissioner is authorized to deduct said fees from the Deposit Account, No. 50-0786/4310.002900.

Please date stamp and return the enclosed postcard to evidence receipt of these materials.

Respectfully submitted,



Barbara S. Kitchell

BSK/cp

Encl: 169-Pg Pat. Appl.  
FIGs. 1-58  
Postcard

002160 T 0909360



4310.002900  
ERID 0370/0407



APPLICATION FOR UNITED STATES LETTERS PATENT

FOR

**BIOLUMINESCENT BIOREPORTER**

**INTEGRATED CIRCUIT DETECTION METHODS**

BY

**MICHAEL L. SIMPSON**

**GARY S. SAYLER**

**BRUCE M. APPEGATE**

**STEVEN A. RIPP**

AND

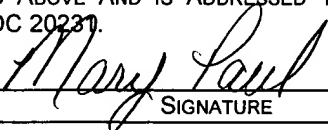
**MICHAEL J. PAULUS**

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